

# Exhibit S

uspto

Patent Center

Home

New submission

Existing submissions

Petitions

Post grant

Search

Back to home

Patent Center Help

Pay maintenance fees

Order certified copies

Global Dossier

Download

Print

15/500,928 | APA-CN-879177-02-US-NAT: ADAPTIVE COMMUNICATION RESOURCE ALLOCATION IN A WIRELESS NETWORK

PUBLIC VIEW

Application #	Confirmation #	Attorney Docket #	Patent #	Filing or 371 (c) date	Status
15/500,928	4629	APA-CN-879177-02-US-NAT	<a href="#">10,368,361</a> <a href="#">Download PDF</a> Issued - 07/30/2019	01/31/2017	Patented Case 07/10/2019

Application Data

Documents & Transactions

Continuity

Patent Term Adjustment

Foreign priority

Fee payment history

Address & Attorney/Agent Information

Supplemental Content

Assignments

Display References

5 Assignments found

Assignment 1

Reel/frame	Date recorded	Pages
<a href="#">041359/0412</a>	02/23/2017	7
Conveyance		
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).		
Assignors	Execution date	Correspondent
<a href="#">HUANG, ANPENG</a>	07/24/2014	R. BURNS ISRAELSEN MASCHOFF BRENNAN 1389 CENTER DR. SUITE 300 PARK CITY, UT 84098
Assignee		
<a href="#">BEIJING JINDIANCHUANGQI TECHNOLOGY DEVELOPMENT CO., LTD</a> JIA183 SHIBALIDIANCUN, SHIBALIDIANXIANG CHAOYANG DISTRICT BEIJING, CHINA 100023		

Assignment 2

Reel/frame	Date recorded	Pages
<a href="#">041359/0450</a>	02/23/2017	6
Conveyance		
ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).		
Assignors	Execution date	Correspondent
<a href="#">BEIJING JINDIANCHUANGQI TECHNOLOGY DEVELOPMENT CO., LTD</a>	09/04/2014	R. BURNS ISRAELSEN MASCHOFF BRENNAN 1389 CENTER DR. SUITE 300 PARK CITY, UT 84098
Assignee		
<a href="#">EMPIRE TECHNOLOGY DEVELOPMENT LLC</a> 2711 CENTERVILLE ROAD, SUITE 400 WILMINGTON, DELAWARE 19808		

Assignment 3

Reel/frame	Date recorded	Pages
<a href="#">048373/0217</a>	01/29/2019	-47
Conveyance		
SECURITY INTEREST (SEE DOCUMENT FOR DETAILS).		
Assignors	Execution date	Correspondent
<a href="#">EMPIRE TECHNOLOGY DEVELOPMENT LLC</a>	12/28/2018	MICHELE GLESSNER ALSTON & BIRD LLP 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000
Assignee		
<a href="#">CRESTLINE DIRECT FINANCE, L.P.</a> 201 MAIN STREET, SUITE 1900 FORT WORTH, TEXAS 76102		

COBB\_029293

#### Assignment 4

<b>Reel/frame</b> <a href="#">061265/0146</a>	<b>Date recorded</b> 09/30/2022	<b>Pages</b> 4
<b>Conveyance</b> RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS). 		
<b>Assignors</b>  <a href="#">CRESTLINE DIRECT FINANCE, L.P.</a>	<b>Execution date</b>  09/28/2022	<b>Correspondent</b> TAMARA TUCKER ALSTON & BIRD LLP 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000
<b>Assignee</b> <a href="#">EMPIRE TECHNOLOGY DEVELOPMENT LLC</a> C/O ALLIED INVENTORS, LLC 16625 REDMOND WAY, SUITE M, PMB 219 REDMOND, WASHINGTON 98052		

#### Assignment 5

<b>Reel/frame</b> <a href="#">062102/0649</a>	<b>Date recorded</b> 12/15/2022	<b>Pages</b> 5
<b>Conveyance</b> ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS). 		
<b>Assignors</b>  <a href="#">EMPIRE TECHNOLOGY DEVELOPMENT, LLC</a>	<b>Execution date</b>  10/14/2022	<b>Correspondent</b> JOHN TUTUNJIAN 401 BROADHOLLOW ROAD SUITE 402 MELVILLE, NY 11747
<b>Assignee</b> <a href="#">COBBLESTONE WIRELESS, LLC</a> 101 E. PARK BLVD SUITE 600 PLANO, TEXAS 75074		

10 per page    Page 1 of 1

**Disclaimer:** Assignment information on the assignment database reflects assignment documents that have been actually recorded. If the assignment for a patent was not recorded, the name of the assignee on the patent application publication or patent may be different. If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350.

About the USPTO    Search for patents    Search for trademarks

US Department of Commerce  
Accessibility  
Privacy Policy  
Financial and Performance Data  
Vulnerability Disclosure Policy

Freedom of Information Act  
Inspector General  
NoFEAR Act  
USA.gov

#### Receive updates from the USPTO

Enter your email to subscribe or update your preferences

**Subscribe**



UNITED STATES  
PATENT AND TRADEMARK OFFICE

Follow us

